

**NEW**  
iCon CNC  
POWERHOUSE

iCon-Touch - Series  
2D graphical control  
for CNC press brakes

**iCon**

## Embedded reliability

The new generation **iCon Touch** controls offers an even higher grade of efficiency in programming, operation and control of today's press brakes. Ease of use combined with state-of-the-art technology go hand in hand, **improving productivity**.

The **touch screen** gives user-interface and enables **direct navigation** between programming and production. Functions are directly located where you need them, offering **optimised ergonomics** throughout the application.

The iCon CNC offers 2D programming that includes **automatic bend sequence calculation** and **collision detection**.

Highly effective control algorithms **optimise the machine cycle** and **minimise set-up time**. This makes using press brakes easier, more efficient and more versatile than ever.

### iCon CNC features:

- 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- 17" high resolution colour TFT
- Full Windows application suite



## Specifications iCon CNC

### Product configuration

#### Standard

- Colour LCD display
- 17" TFT, high brightness
- 1280 x 1024 pixels, 32 bit colour
- Full touch screen control (IR-touch)
- Storage capacity 120 GB
- 3D graphics acceleration
- Windows® 10 networking
- Emergency switch
- USB 3

## Technical specifications

### General

- Real-time Windows® 10 Pro
- Multitasking environment
- Instant Shut Off
- Modbus

### Computed

- Press force
- Bend allowance
- Crowning adjustment
- Bottoming force
- Auto bumping calculation
- Radius programming
- Bend allowance table
- Learned angle correction database

### Programming

- Alphanumeric product naming
- Real-scale product programming and visualisation
- Automatic bend sequence calculation
- Easy graphical bend sequence swap and move
- Hemmed products programming
- One page programming table
- Graphical product and tool selection
- Programmable material properties
- Programmable axis speed
- Free material programming
- Product & tool search filter
- Millimetres/Inches, kN/Ton selection
- Stock counter and Product notes

### Control

- Unipolar / frequency inverter control
- Direct pressure valve control
- Direct proportional valve Y1, Y2 control
- Direct crowning control
- Multiple digital function outputs
- Servo Standard
- Direct Servo Valve Control
- Analogue Transducers
- Digital Scales
- Direct Standard Valve Control
- Up to 13 Axis
- 2D/3D as Standard
- Free Software Updates
- Remote Online assist Function

### Electrical / interfacing

- Power supply: 24V
- M.2 SSD 120 GB
- 4 GB Ram
- RS232 port (2x)
- Network interface (100Mb/10Mb)
- USB port (2x)



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